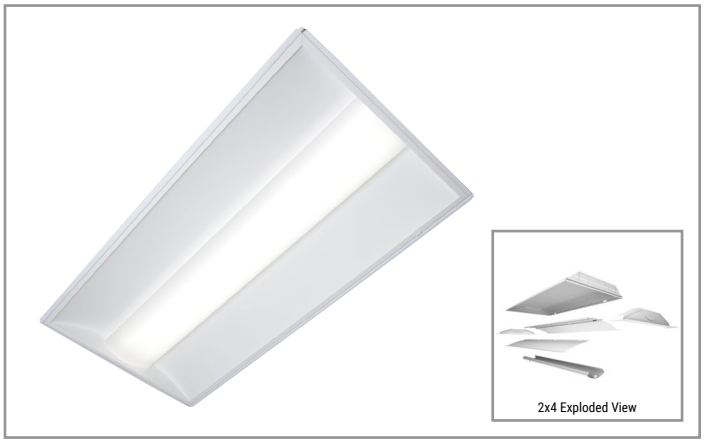
Project		Catalog #		Type	
Prepared by		Notes		Date	



Metalux

CZRK Cruze LED Retrofit Kit

2' x 4' Specification Grade LED Retrofit Kit

Typical Applications
Commercial Office • Schools • Hospitals • Retail

Interactive Menu

- Order Information page 2
- Photometric Data page 3
- Control Solutions page 3
- Connected Systems page 3
- Product Warranty

Product Certification

c UL us LISTED · DLC PREMIUM · DLC · RoHS COMPLIANT · IC RATED

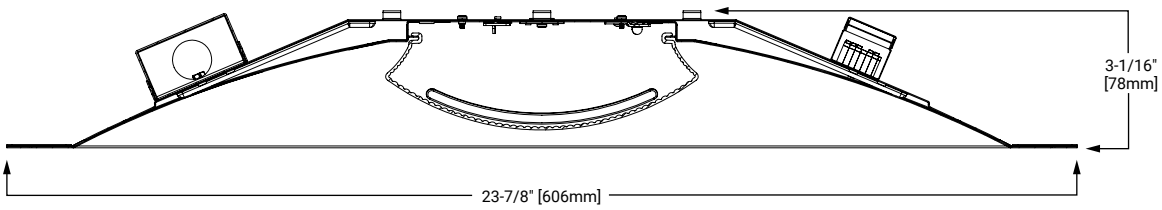
Product Features

Connected Systems · damp location · MWS MODULAR WIRING SYSTEM CLICK HERE

Top Product Features

- 1' x 4', 2' x 2', and 2' x 4' sizes available
- Simple and tool-less installation (less than 5 minutes) - labor savings
- Uses the fluorescent luminaire's housing - lower disposal costs
- Energy savings greater than 50% vs.fluorescent luminare

Dimensional and Mounting Details



Order Information

SAMPLE NUMBER: **24CZRK-LD4-40HP-UNV-L835-CD1-U**

Series	Lamp Type	Stock Lumen Output	Performance Type	Voltage	Emergency Options
24CZRK=2' x 4' Cruze Retrofit Kit	**LD4**=LED 4.0	**40**=4000 Lumen **50**=5000 Lumen	**[Blank]**=Standard Performance **HP**=High Performance	**UNV**=Universal Voltage 120-277	**EL7W**=7-watt, 120V-277V emergency battery pack installed (1) **EL14W**=14-watt 120V-277V emergency battery pack installed (1)
Notes (3) DesignLights Consortium® Qualified and classified for both DLC Standard and DLC Premium, refer to www.designlights.org for details.					**Notes** (1) With integral test switch/indicator/laser test. For approximate delivered lumens multiply the lumens per watt of the desired fixture by the wattage of the emergency battery pack (100 lm/W x 7=700 lumens). IES-format photometry for luminaire under emergency operation available.

CCT	Driver Type	Number of Drivers	Integrated Sensing Systems	Sensor Accessories	Packaging
L835=3500K **L840**=4000K	**CD**=0-10V Dimming Driver (10% - 100% Dimming) **SR**=Sensor-ready Dimming Driver for LWIPD1 option (1%-100% Dimming) (B)	**1**=1 Driver	**SWPD1**=WaveLinx Wireless Integrated Sensor (A) **LWIPD1**=Enlighted Wireless Integrated Sensor (B) **LWTPD1**=Enlighted Wireless Tile-mount Sensor (B) **SVPD1**=0-10V Stand-alone Integrated Sensor (D)	**DV**=Dual Band (2)	**U**=Unit Pack
	Notes (B) Consult Enlighted system pages for additional details and compatibility.		**Notes** Integrated options must be used in conjunction with the associated system and may not be compatible with other options or accessories. Please refer to the following: (A) Consult WaveLinx system pages for additional details and compatibility. (B) Consult Enlighted system pages for additional details and compatibility. (D) Consult SVPD series system pages for additional details and compatibility.	**Notes** (2) Provides blank band on opposite side from sensor band to provide symmetric appearance.	

Accessories

Accessories
0590CZRKEQCABLE PK=Earthquake Cable Kit

Product Specifications

Construction

- Rigid die-formed of code gauge prime cold rolled steel housing with full length die-formed stiffeners
- Unibody endplates for added strength
- Innovative design allows for quick and simple retrofit of fluorescent recessed troffers and parabolic luminaires resulting in an upgraded look with superior lens brightness uniformity and visual comfort

Controls

- 0-10V dimming drivers to 10% standard
- Optional 1% dimming is available
- WaveLinx sensor compatible for IoT capability
- Enlighted sensor compatible for IoT capability
- SVPD sensor compatible for out-of-the-box functionality
- Fifth Light DALI 2.0 driver, step-dimming and third-party drivers available

Electrical

- Long-life LED system with electrical driver for optimal performance
- LED's available in 3500K or 4000K with a minimum CRI of ≥ 80
- Standard and high performance efficacy options
- Projected life is 60,000 hours at 75% lumen output based on TM21 testing standards
- Electronic drivers available for 120-277V and 347V applications
- 0-10V dimming

Emergency Battery Pack Options

- Optional 120V-277V integral emergency battery pack available in 7W or 14W
- 90-minute backup period for code compliance
- Test switch with laser pointer allows safe testing from floor
- Patented EZ Key prevents accidental discharge during construction

Finish

- Multi-stage, iron phosphate pretreatment ensures maximum bonding and rust inhibition
- Housing finish is paint after fab matte white

Shielding

- Positive light seals prevent light leaks on the ends
- Frosted lens with ribs improves the distribution and matches the Cruze family appearance

Compliance

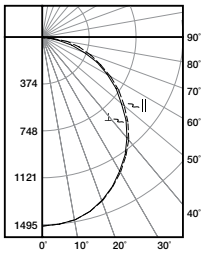
- Indoor luminaires are cULus listed for 25°C ambient environments
- RoHS compliant
- Complies with IESNA LM-79 and LM-80 standards
- DesignLights Consortium® Qualified and classified for DLC Standard and DLC Premium (refer to www.designlights.org)

Warranty

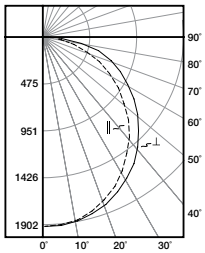
- Five year warranty standard.
- Optional ten year warranty is available

Photometric Data

View IES files



24CZRK-LD4-40-UNV-L835-CD1-U
Electronic Driver
Linear LED 3500K
Spacing criterion: (II) 1.3 x mounting height, (⊥) 1.22 x mounting height
Lumens: 4313
Input Watts: 36.3W
Efficacy: 119 lm/W
Test Report: 24CZRK-LD4-40-UNV-L835-CD1-U.IES



24CZRK-LD4-50-UNV-L835-CD1-U
Electronic Driver
Linear LED 3500K
Spacing criterion: (II) 1.3 x mounting height, (⊥) 1.22 x mounting height
Lumens: 5494
Input Watts: 46.4W
Efficacy: 118 lm/W
Test Report: 24CZRK-LD4-50-UNV-L835-CD1-U.IES

Energy and Performance Data by Catalog Numbers

Stock or MTO	Catalog Logic (Ribbed Lens)	Performance Type*	Delivered Lumens	Watts	Efficacy (lm/W)
Stock	24CZRK-LD4-40-UNV-L835-CD1-U	Standard	4311	36.48	118
Stock	24CZRK-LD4-40-UNV-L840-CD1-U	Standard	4423	36.82	120
Stock	24CZRK-LD4-40HP-UNV-L835-CD1-U	High Performance	4305	32.46	133
Stock	24CZRK-LD4-40HP-UNV-L840-CD1-U	High Performance	4485	32.56	138
Stock	24CZRK-LD4-50-UNV-L835-CD1-U	Standard	5496	46.58	118
Stock	24CZRK-LD4-50-UNV-L840-CD1-U	Standard	5447	46.50	117
Stock	24CZRK-LD4-50HP-UNV-L835-CD1-U	High Performance	5203	40.26	129
Stock	24CZRK-LD4-50HP-UNV-L840-CD1-U	High Performance	5403	40.69	133

*Standard performance is >110 lm/W. High performance is >125 lm/W.

Lumen Maintenance

Ambient Temperature	TM-21 Lumen Maintenance (60,000 hours) (1)	Theoretical L70 (Hours) (2)
25ºC	> 75%	> 176,000

Notes: (1) Supported by IES TM-21 standards. (2) Theoretical values represent estimations commonly used; however, refer to the IES position on LED Product Lifetime Prediction, IES PS-10-18, that explains proper use of IES TM-21 and LM-80.

Shipping Data

Catalog No.	Wt.
24CZRK	12.5 lbs.

Control Systems

- WaveLinx
- DLVP
- Enlighted
- iLumin Plus

Connected Systems CLICK HERE

Cooper Lighting Solutions
1121 Highway 74 South
Peachtree City, GA 30269
P: 770-486-4800
www.cooperlighting.com

© 2020 Cooper Lighting Solutions
All Rights Reserved.

Specifications and dimensions subject to change without notice.